

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)  
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2008; month=5; day=12; hr=13; min=42; sec=10; ms=564; ]

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Application No: 10524399 Version No: 2.0

**Input Set:****Output Set:**

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**Finished:** 2008-04-29 14:00:15.035  
**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 432 ms  
**Total Warnings:** 28  
**Total Errors:** 0  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

| Error code | Error Description                                   |
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| W 213      | Artificial or Unknown found in <213> in SEQ ID (2)  |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (3)  |
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| W 213      | Artificial or Unknown found in <213> in SEQ ID (9)  |
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| W 213      | Artificial or Unknown found in <213> in SEQ ID (11) |
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| W 213      | Artificial or Unknown found in <213> in SEQ ID (16) |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (17) |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (18) |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (19) |
| W 213      | Artificial or Unknown found in <213> in SEQ ID (20) |

**Input Set:**

**Output Set:**

**Started:** 2008-04-29 14:00:13.603  
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**Total Errors:** 0  
**No. of SeqIDs Defined:** 38  
**Actual SeqID Count:** 38

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

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Krause, Andreas  
Niese, Detlef  
Raulf, Friedrich  
Scherer, Andreas

<120> Diagnosis of chronic rejection

<130> 4-32608A

<140> 10524399

<141> 2005-02-11

<150> PCT/EP03/09292

<151> 2003-08-21

<150> US 60/405,225

<151> 2002-08-22

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<170> PatentIn version 3.3

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<211> 1709

<212> DNA

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aagccgaagt atctcagctt cttctgctag gtttgtctct tcagggtcag gaggaggata 240

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cctgcgccag ggcgttgagg ctgacatcaa cggttgcgc cgagtcctgg atgagctgac 720

cctggccagg actgacctgg agatgcagat cgagggcctg aatgaggagc tagcctacct 780

gaagaagaac cacgaagagg agatgaagga gttcagcagc cagctggccg gccagggtcaa 840

tgtggagatg gacgcagcac cgggtgtgga cctgaccctg gtgctggcag agatgaggga 900

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| gactgaggag ctgaacaaag aggtggcctc caacacagaa atgatccaga ccagcaagac | 1020 |
| ggagatcaca gacctgagac gcacgatgca ggagctggag atcgagctgc agtcccagct | 1080 |
| cagcatgaaa gctgggctgg agaactcact ggccgagaca gagtgccgct atgccacgca | 1140 |
| gctgcagcag atccaggggc tcattgggtg cctggaggcc cagctgagtg agctccgatg | 1200 |
| cgagatggag gctcagaacc aggagtacaa gatgctgctt gacataaaga cacggctgga | 1260 |
| gcaggagatc gctacttacc gcagcctgct cgagggccag gatgccaaga tggctggcat | 1320 |
| tggcatcagg gaagcctctt caggaggtgg tggtagcagc agcaatttcc acatcaatgt | 1380 |
| agaagagtca gtggatggac aggtgggttc tccccacaag agagaaatct aagtgtctat | 1440 |
| tgcaggagaa acgtcccttg ccactcccca ctctcatcag gccaaagtga ggactggcca | 1500 |
| gagggcctgc acatgcaaac tccagtcctt gccttcagag agctgaaaag ggtccctcgg | 1560 |
| tcttttattt cagggtttg catgcgctct attccccctc tgctctctcc caccttcttt  | 1620 |
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| cactaaaacg tccctgccta caaatcatcc ggccaaatta tgagttcatt gtattatgcg | 120 |
| aatgctttat tttctaaata tccagcctca agttcggttt tcgctaccgg agccttccca | 180 |
| gaacaaactt cttgtgcgtt tgettccaac cccagcgcc cggttatgg agcgggttcg   | 240 |
| ggcgcttctt tegccggctc gatgcagggc ttgtaccccg gcgggggggg catggcgggc | 300 |
| cagagcgcgg ccggcgctca cgcggccggc tatgggctcg agccgagttc cttcaacatg | 360 |
| cactgcgcgc ctttgagca gaacctctcc ggggtgtgtc ccggcgactc cgccaaggcg  | 420 |
| gcgggcgcca aggagcagag ggactcggac ttggcgggcg agagtaactt ccggatctac | 480 |
| ccctcgatgc gaagctcagg aactgaccgc aaacgaggcc gccagaccta caccgctac  | 540 |
| cagaccctgg agctggagaa ggaatttcac tacaatcgct acctgacgcg gcggcggcgc | 600 |
| atcgagatcg cgcacgcgct ctgcctcacg gaaagacaga tcaagatttg gtttcagaac | 660 |

|                                                                      |      |
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| cggcgcacatga agtggaaaaa ggagaacaag accgcggggcc cggggaccac cggccaagac | 720  |
| agggctgaag cagaggagga agaggaagag tgagggatgg agaaagggca gaggaagaga    | 780  |
| catgagaaaag ggagacgaag agaagcccag ctctgggaac tgaatcagga aactcaaatac  | 840  |
| gaataggggaa gtaaaaaaac aaaacaaaaa acaaaaaaaaa acaaaaaaaaa accctattta | 900  |
| aatgaaagga gtttaaaaaac attttttaag gagggagaaa ggagaaattt tggtttttca   | 960  |
| acactgaaaa aatagtacct ataggaaagt ctgtcagggtt tggttttttt gtacaatatg   | 1020 |
| aaaaggacat tatctacctg ttctgtagct ttctggaatt tacctccctt tttctatggt    | 1080 |
| gctattgtaa ggtctttgta aaatcttgca gttttgtaag ccctctttta tgctgtcttt    | 1140 |
| gtggactgtg ggtctggact aaccctgtgg ttgcctgccc tctgtgcct ccgccttccc     | 1200 |
| agcagcggca ccaagggggc ttagggagcc caaaaaccta ccactcgcgt gttccccaag    | 1260 |
| cgccttgctg ctgctgcttg cttcccgctc ccagcccca tgctcccttt acattctgtg     | 1320 |
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|                                                                    |     |
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| cacctatcag gtccctgaag acttcatctc ccgagagctg tttgacacag tccaagtgt   | 180 |
| catcatcacc aagccagagc tgcagaacaa gcttatcact gtctagagag cagcttcgtg  | 240 |
| tccatggagg agagcaagca gaagttggtg cccatcatga ccatcttget ggaggagcta  | 300 |
| aatgcctcag gccggtgcac tctgcccatt gatgagtcca acaccatcca cttgaaggtg  | 360 |
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| gacaaggagg atttcttcaa ctcacagtgg gacctacta cacaacaaat cctgcctac    | 480 |
| attgatgggt tccgccacat ccagaagatt tcagcagagg cagatgtgga gctcaacctg  | 540 |
| gtgcgcattg ctatccagaa cctgctgtac tacggcggtt tgacactggg gtccatcctc  | 600 |
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| ctgcaagagg catgtctatc ctacgtgacc aagcaagggc acaagagggc cagtctccgg  | 720 |
| gatgtgttcc agctatactg cagcctgagc cctggcacta ccgtgcgaga cctcattggc  | 780 |

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| gcactgccaa tccaagcagg cttcctggag atgatgggct acagagacaa aattgaaggg  | 960  |
| agactacagg aaagggttgg cctgectgaa agaaggcctg gccagggcgt caccctgtcc  | 1020 |
| tctgatcctc accctaggaa gctgatccag ttcgggctta tgaagaacct catcaggcga  | 1080 |
| ctacagaagt atcctgtgcg ggtgactcgg gaagagcaga gccaccctgc ccggctttat  | 1140 |
| acaggctgcc acagctatga cgagatctgc tgcaagacag gcatgagcta ccatgagctg  | 1200 |
| gatgagcggc ttgaaaatga ccccaacatc atcatctgct ggaagtgagg ctggtagtga  | 1260 |
| ctggatggac acattgctgt gggtagtccc tcctactagg aggcttgtca tactgtctag  | 1320 |
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|                                                                    |     |
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| ctctgcataa gaaggggaac gaaagatggc ggcggaaacg ctgctgtcca gtttgtagg   | 120 |
| actgctgctt ctgggactcc tgttaccgcg aagtctgacc ggcggtgtcg ggagcctgaa  | 180 |
| cctggaggag ctgagtgaga tgcgttatgg gatcgagatc ctgccgttgc ctgtcatggg  | 240 |
| agggcagagc caatcttcgg acgtggtgat tgtctcctct aagtacaaac agcgctatga  | 300 |
| gtgtcgcttg ccagctggag ctattcactt ccagcgtgaa agggaggagg aaacacctgc  | 360 |
| ttaccaaggg cctgggatcc ctgagttgtt gagcccaatg agagatgctc cctgcttgct  | 420 |
| gaagacaaaag gactggtgga catatgaatt ctgttatgga cgccacatcc agcaatacca | 480 |
| catggaagat tcagagatca aaggtgaagt cctctatctc ggctactacc aatcagcctt  | 540 |
| cgactgggat gatgaaacag ccaaggcctc caagcagcat cgtcttaaac gctaccacag  | 600 |
| ccagacctat ggcaatgggt ccaagtgcga ccttaatggg aggccccggg aggccgaggt  | 660 |
| tcggttctct tgtgacgagg gtgcaggtat ctctggggac tacatcgatc gcgtggacga  | 720 |
| gcccttgctc tgctcttatg tgctgaccat tcgcactcct cggctctgce cccacctct   | 780 |
| cctccggccc ccaccagtg ctgcaccaca ggccatctc tgtcaccctt ccctacagcc    | 840 |
| tgaggagtac atggcctacg ttcagaggca agccgactca aagcagtatg gagataaaat  | 900 |

|                                                                      |      |
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| accccaaaaag atggcagggtg cgagcccgac caaggatgac agtaaggact cagattttctg | 1020 |
| gaagatgctt aatgagccag aggaccaggc cccaggaggg gaggaggtgc cggctgagga    | 1080 |
| gcaggacca agcctgagg cagcagattc agctttctggt gctcccaatg attttcagaa     | 1140 |
| caacgtgcag gtcaaagtca ttcgaagccc tgcggatttg attcgattca tagaggagct    | 1200 |
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| gaaagagctg gaccagatg ggctgaagaa ggagtcagag cgggatcggg caatgctggc     | 1560 |
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| tacagaggag gatcctgagc acagagtccg ggtccgggtc accaagctcc gtctcggagg    | 1740 |
| ccctaatacag gatctgactg tcctcgagat gaaacgggaa aaccacagc tgaaacaaat    | 1800 |
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| agcaggcact gagcaagcag gccccacct gcccttagtg atgtttggag tcgttttacc     | 2520 |
| ctcttctatt gaattgcctt gggatttcct tctcccttcc cctgcccacc ctgtccccta    | 2580 |
| caatttgatgc ttctgagttg aggagccttc acctctgttg ctgaggaaat ggtagaatgc   | 2640 |

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tcggaagaacc cctttaagga caagaaacct tgtattatth tataactgtg ttctcatatg 300

ttctctctct ctctctttct ttctctctct ctctctgtct ctgtctctgt ctgaggcagg 360

gcatcattca gtaattagct caaacaaaac atctcaagtc cccaaaacct ttaattccaa 420

aagaaatccc cctctaccc cgccaaaaaa ggcgttccca ccgcccgat ggggtagaat 480

ggaccttgta ggtggagatg aattttcagg tccgacccca tggccttctc agtttgggcc 540

aaaagggatg gaggcctttac ggccacttcc cgttcggaat aactgaaatc cccagcgatg 600

gggtaacaat tttttaaaac tctcgattgc cgtttcaatt gtggaccggc gccgaggggg 660

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